



**FRANCE-IX**  
ANNUAL REPORT  
2022



# SOMMAIRE

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# 1. OVERVIEW

## 1.1

### REVIEW OF THE YEAR 2022 BY FRANCK SIMON, FRANCE-IX PRESIDENT



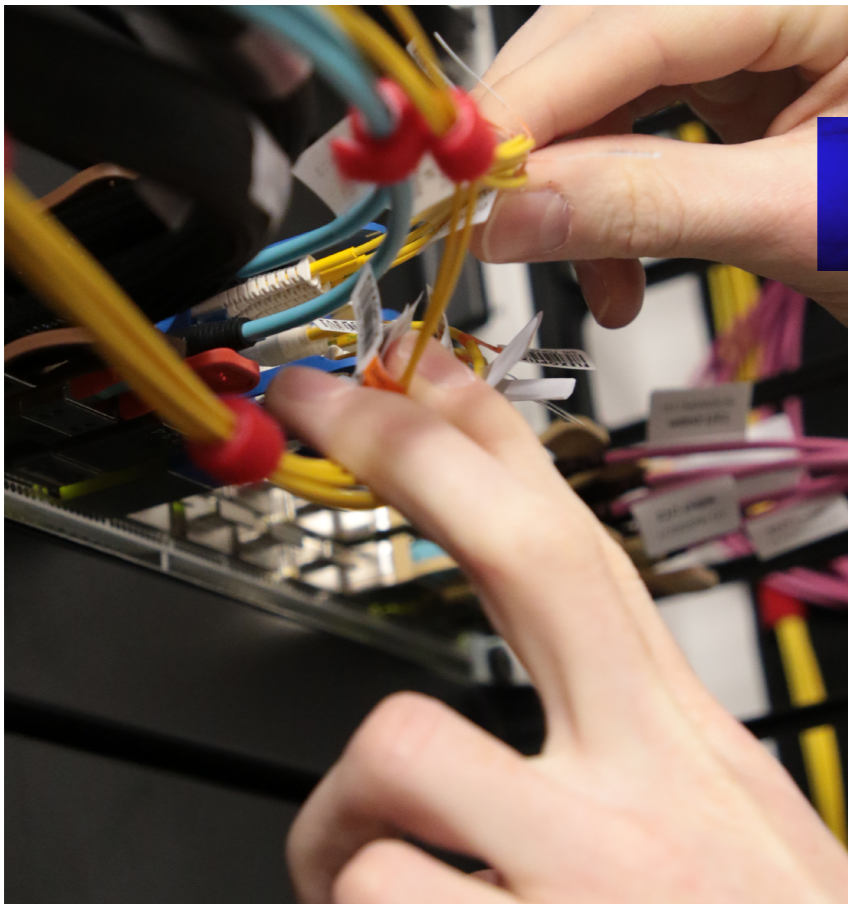
The year 2022 marked an important step in France-IX's development. Indeed, after a year 2021 marked by the merger with Rezipole, in 2022, we initiated a project to develop the Lyon metropolitan infrastructure, both in terms of renewing the fibre infrastructure and a longer-term project to renew all the equipment. The aim is to have a strong Paris-Lyon-Marseille axis, homogenous in terms of transport capacity, but also to harmonise all services within the perimeter. We have activated redundant 100 Gbps links between these 3 cities to enable access to our peering services, regardless of the connection site. We also decided to expand into Toulouse, by taking over from TouIX, and migrating all the members present on our infrastructure.

**INFRASTRUCTURE RESILIENCE IS ALSO A PRIORITY, SO WE HAVE BEEN ABLE TO GUARANTEE AN AVERAGE AVAILABILITY OF OVER 99.998% IN ALL THE CITIES IN WHICH WE OPERATE.**

Let's also note that the model we recently migrated towards - i.e., separating ports from services, with high-speed ports at very accessible prices and then charging for services subscribed to/ activated on these ports - has made a major contribution to positioning the 100 Gbps client port as the new standard. This has also led us, particularly on the Paris metropolitan network, to define n\*400 Gbps transport capacity as the new standard for our infrastructure.



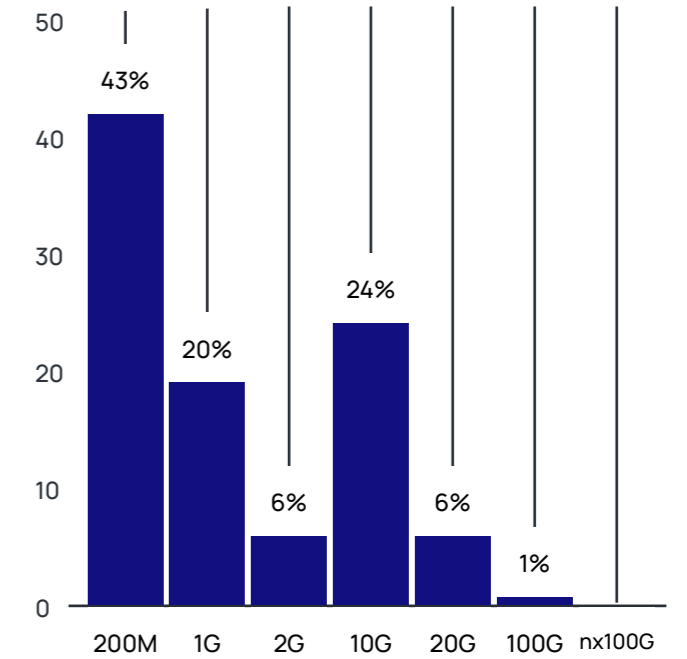
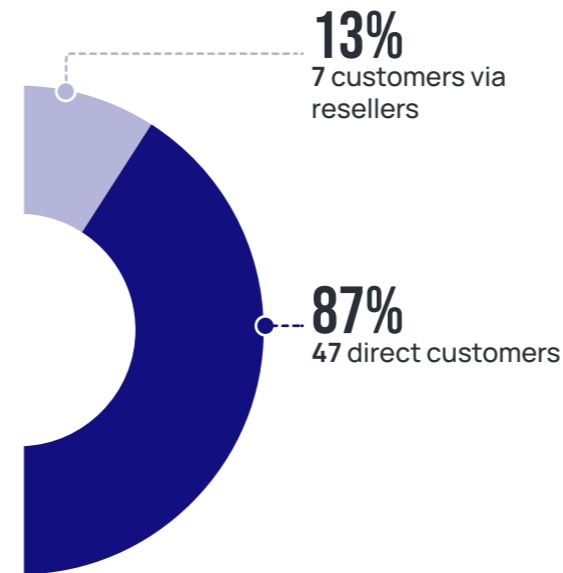
These developments, both in terms of new Points of Presence and infrastructure consolidation, have enabled us to welcome new customers and continue our sustained growth.



# 2022 KEY STATISTICS | 1.2

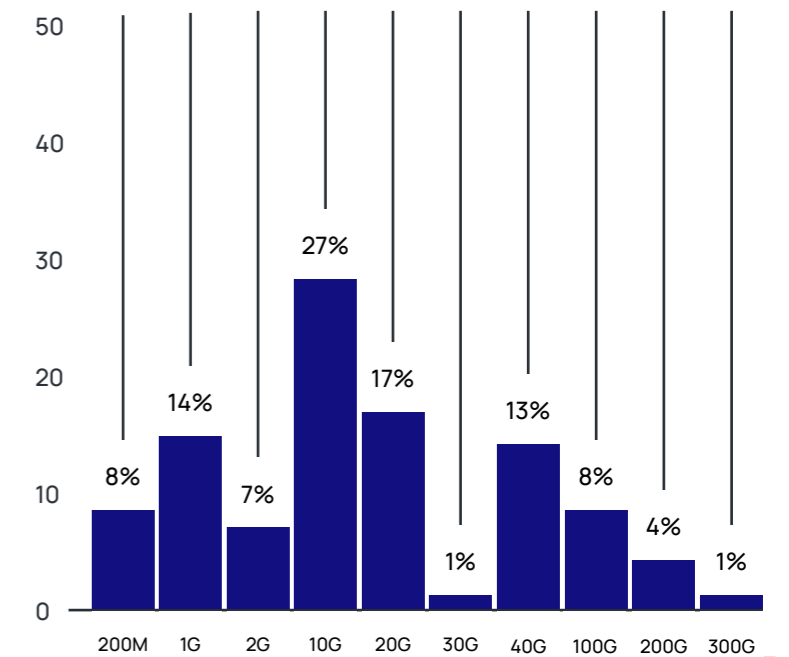
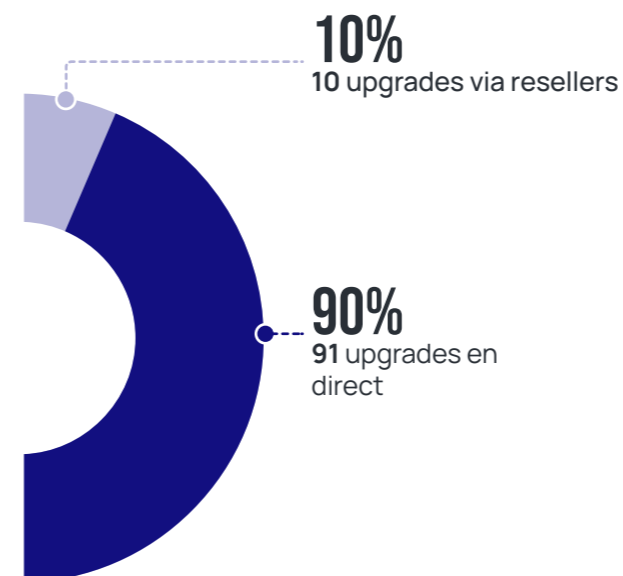
## GLOBAL ACQUISITION

**54**  
NEW CONNECTED CUSTOMERS

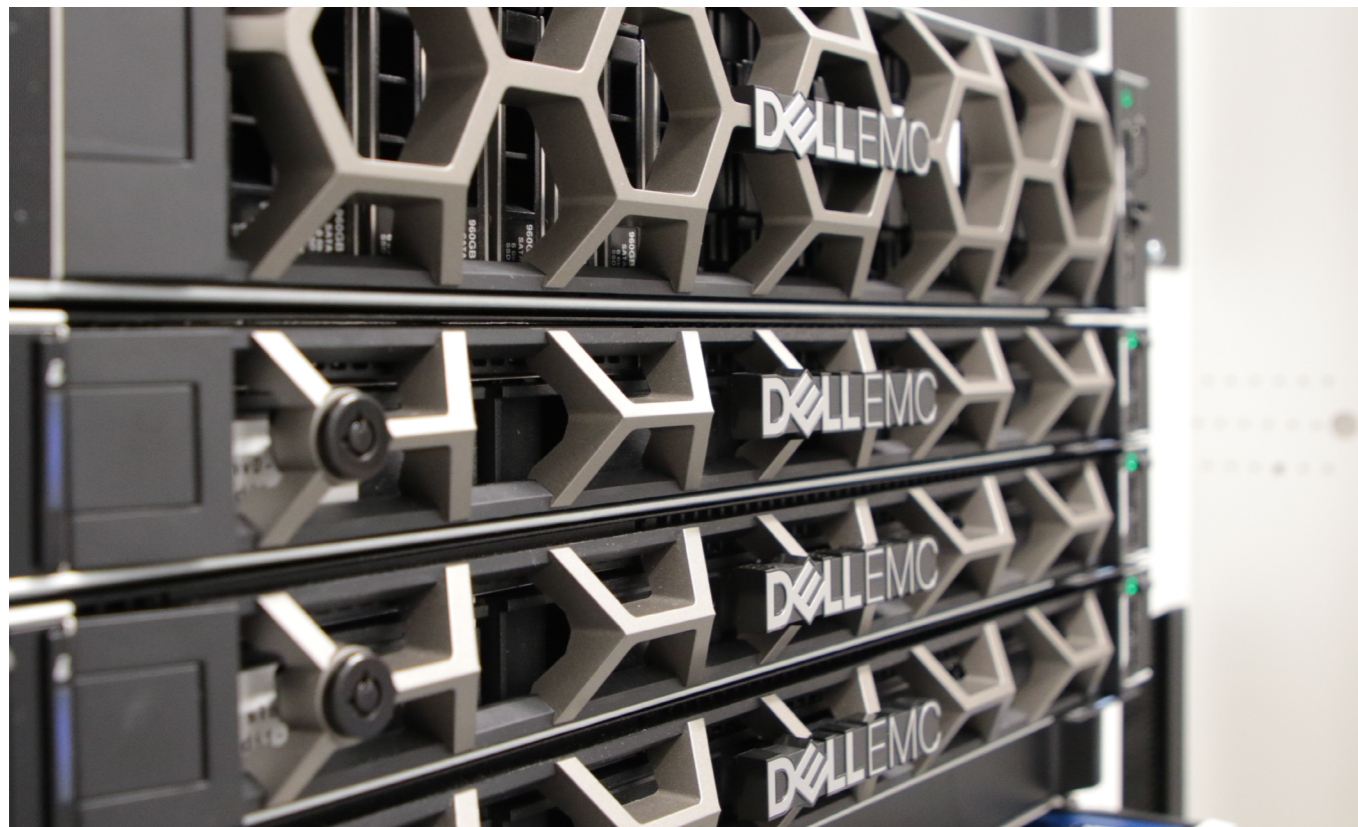


## GLOBAL UPGRADE

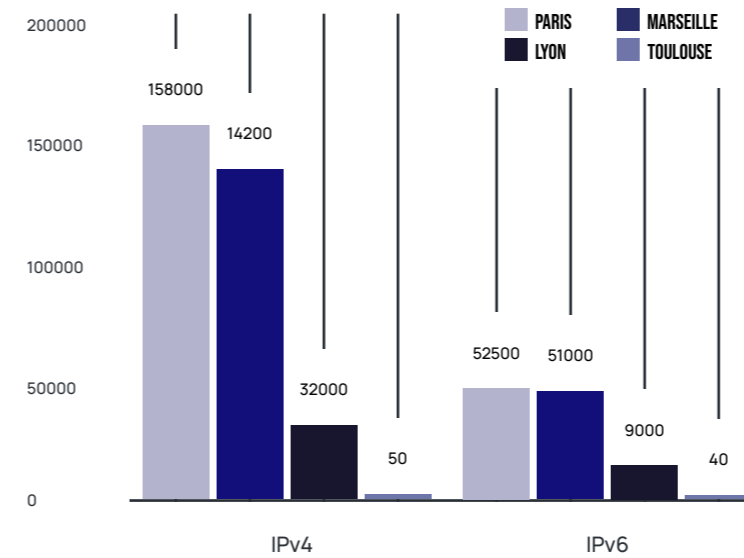
**101**  
TOTAL UPGRADE



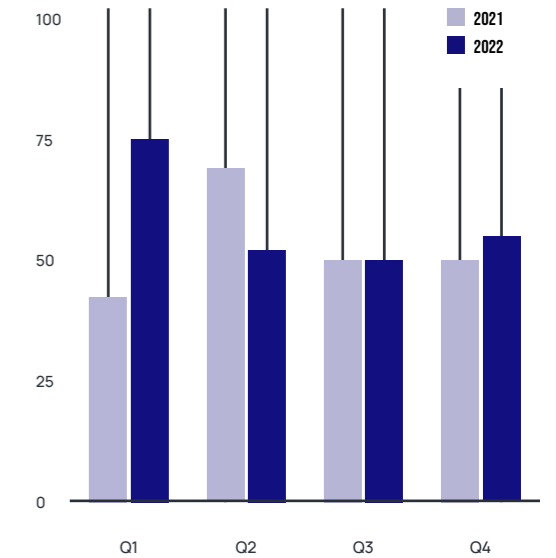
# ANNUAL SERVICE AVAILABILITY



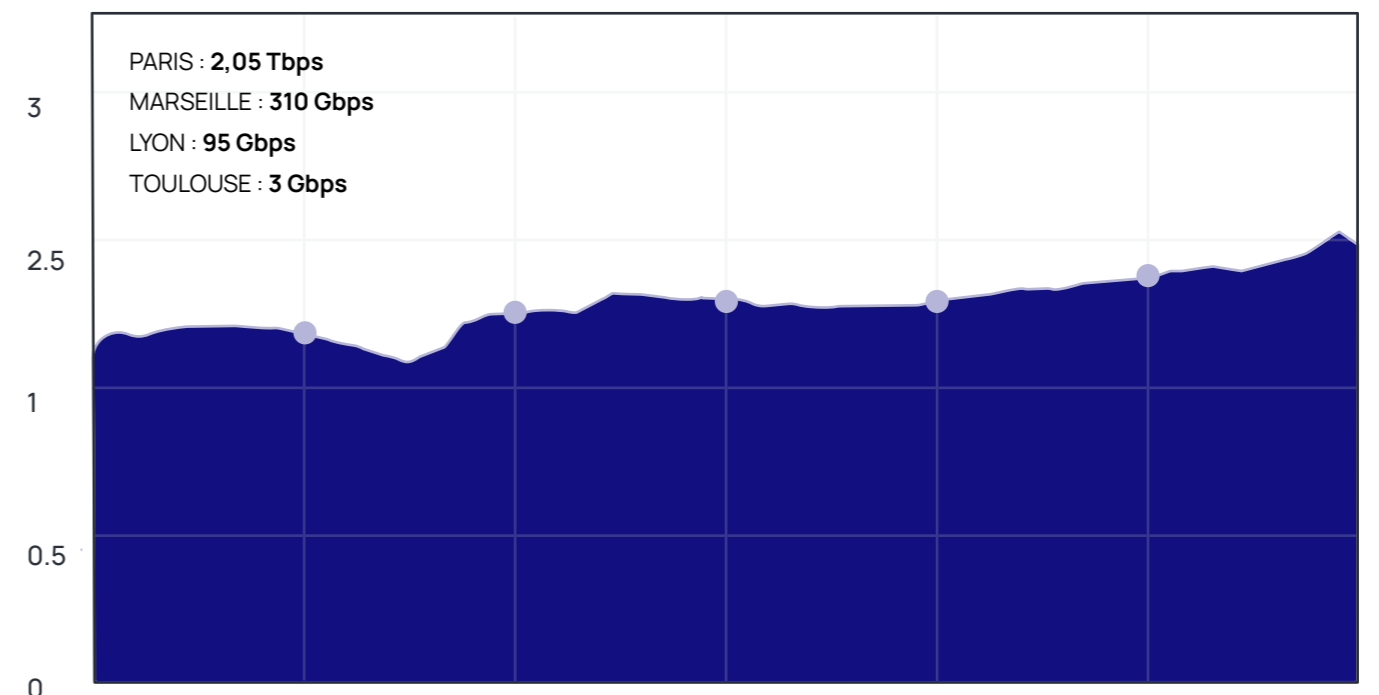
## TOTAL NUMBER OF ROUTES ON RS



## NUMBER OF TICKETS MANAGED BY THE NOC



## PEAK TRAFFIC (TBPS) IN 2022



# 1.3

## FRANCE-IX TIMELINE

# 2022

- 2x800G interconnection of our DRT PAR5/Telehouse 2 core network with redundant capacity, with the deployment of 4 400G links
- Launch of France-IX Lille
- Deployment of a national 100G wave network in Lille, Lyon, Marseille, Paris and Toulouse

- Named Growth Champion for the 3rd year in a row in Les Echos annual ranking (growth rate reaching almost 65% over the 2016-2019 period)
- Milestone of 100 ASN connected in France-IX Marseille
- Milestone of 100 100G ports connected by the France-IX team
- Brand new website for France-IX
- Opening of a private room at Telehouse 2 - Léon Frot
- Opening of France-IX Toulouse
- Launch of a 400G Ethernet access offer
- New offices in Paris

# 2021

- Dedicated ASN for Marseille (AS42064) to ensure a better distinction between the Marseille and Paris Internet exchanges
- 1G ports no longer on sale
- Marketplace active with 14 sellers
- Peak traffic in Marseille reached 200 Gbps for the first time

# 2020

- 400th member milestone for Paris
- 25th active reseller worldwide
- 2 Tbps total peak traffic
- Launch of PASS Service between Paris and Marseille (Peering As a Supplementary Service)
- 100GE affordability for all with 3 competitive sub-100GE offers
- Upgrade of the complimentary entry-level offer from 100 Mbps to 200 Mbps for all members
- Named Growth Champion for the first time in Les Echos annual ranking of the 500 Growth Champions in France

# 2018

- 99.9968% service availability in Paris and
- 99.9976% in Marseille
- Merger with Rezopole on 15 December 2020

# 2019

- 380th member milestone for Paris
- 50th member milestone for Marseille
- 22nd active reseller worldwide
- 1.5 Tbps peak traffic in Paris
- Route server filtering policy implemented
- 12th PoP opening (Interxion MRS2, Marseille)
- 99.9967% service availability in Paris and 99.9979% in Marseille
- 10GE port monthly cost to go below the €1k mark and launch of a first sub-100GE offer
- Marketplace active with eleven sellers
- Interconnection Paris-Marseille voted by the board of directors
- Paris office expansion to welcome new employees

- 350th member milestone for Paris
- 40th member milestone for Marseille
- 19th active reseller worldwide
- 1 Tbps peak traffic in Paris
- 10x100G ports delivered
- Third infrastructure full upgrade allowing higher density of 100Gbps ports
- Route server filtering policy voted by the members
- 99.9977% service availability in Paris and 99.9998% in Marseille
- Marketplace active with nine sellers
- Winner of the Best Internet Exchange Innovation at the 2017 Global Carrier Awards

# 2016

- 20th member milestone in Marseille.
- 50 Gbps peak traffic in Marseille
- 30% of the shortest Internet paths reachable via France-IX (RIPE study)
- 100 GE port first provisioning in Paris
- Migration from copper to fiber connections
- New PoPs (Saint Denis; Telehouse 3, Magny-les-Hameaux; Jaguar Network, Marseille)
- New public weathermap and new advanced looking glass
- Deployment of out-of-band network and new security filters policy to improve resiliency
- Partner for the future launch of the Casablanca Internet Exchange (CASIX) and the Senegalese Internet Exchange (SENIX)

# 2017

- 300th member milestone for Paris and Marseille
- Tenth active reseller worldwide
- 600 Gbps peak traffic in Paris
- 100 Gbps peak traffic in Marseille
- Marketplace programme launch with five sellers
- New blackholing service
- 100 GE port first provisioning in Marseille
- Tenth employee milestone
- Paris office expansion to welcome new employees
- Strategic partnership with the London Internet Exchange (LINX)
- Ranking in the top five IXPs in Europe

# 2015

- 250th member milestone for Paris and Marseille
- 300 Gbps peak traffic in Paris
- Sixth active reseller in France and Europe
- One new PoP (Iliad DC3, Vitry)
- Second infrastructure full upgrade allowing higher density of 10 Gbps port and 100 Gbps deployment
- Ranking in the top 10 IXPs in Europe

# 2013

- 150th member milestone
- 160 Gbps peak traffic in Paris
- Reseller programme launch
- First infrastructure full upgrade
- Development of in-house information system
- Launch of customer web portal (tools.franceix.net)

# 2011

- Commercial and technical launch of France-IX in Paris
- Six founding members: Akamai, Jaguar Network, Neo Telecoms (now Zayo France), Interxion, Google and Bouygues Telecom
- Six PoPs operational from day one in Paris (Interxion 1, 2, 5, Telehouse 1, 2, Telecity Courbevoie)
- Two full-time employees

# 2014

- 200th member milestone for Paris and Marseille
- 200 Gbps peak traffic in Paris
- Fifth active reseller in France and Europe
- Launch of France-IX Marseille with the first PoP in Interxion MRS1, Marseille
- Partner of the AXIS project with the Internet Society (ISOC) to run regional IXP training sessions in Guinea and Comores

# 2012

- 100th member milestone
- Two new PoPs (Telecity Condorcet and Iliad DC2)
- Free 100 Mbps interconnection for any LU-CIX, LYON-IX and SFINX members
- Fifth employee milestone

# 2010

# BOARD MEMBERS | 1.4



CLAIRE  
AUDIN



GABRIEL  
CHENEVOY



PHILIPPE  
DUBY



SARAH  
NATAF



JÉRÔME  
NICOLLE



RICHARD  
NGUYEN



GREGOIRE  
VILLAIN  
PRESIDENT

# GENERAL MEETING | 1.5

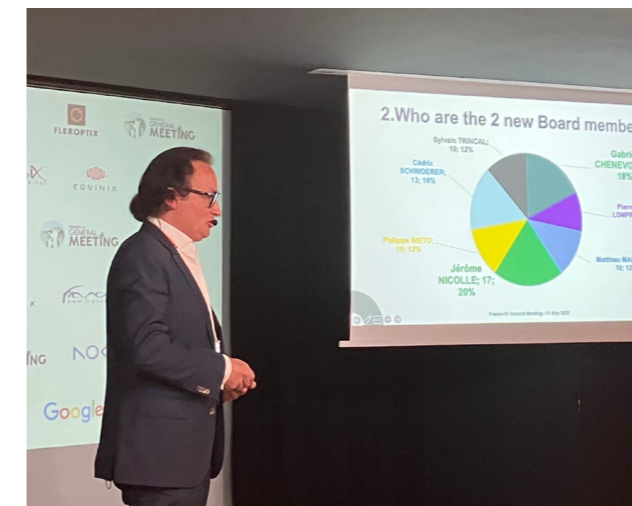
As a non-profit association, France-IX brings its members together one a year to approve the closing of the accounts and the renewal of the members of the Board. The 2022 General Meeting was held in May 2023, at the Business Center Paris Trocadéro. More than 80 people joined the event, which provided an opportunity to review the year's news and highlights for France-IX in terms of development and global strategy.



## VOTE RESULTS AND NEW BOARD MEMBERS

The number of voters at the 2022 General Meeting reached 44 participants out of 133 electors, representing a turnout of 33%, thereby achieving the 25% quorum.

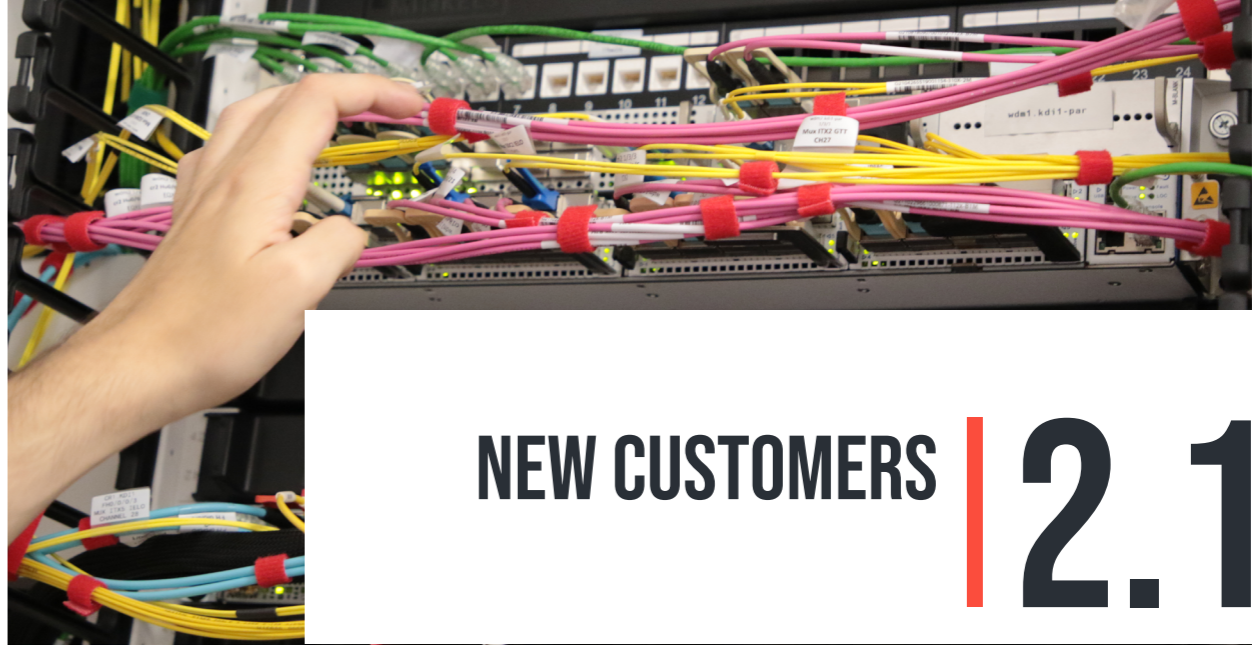
At the end of the vote, the accounts for the financial year from 1 July 2021 to 31 December 2022 were approved (39 yes, 2 no, 3 abstentions).



MARK  
TINKA

Two new members were elected: one seat was created and one seat was renewed following the end of **Mark TINKA's** term of office, for which France-IX thanks him for his commitment and contribution over the last few years on the Board.



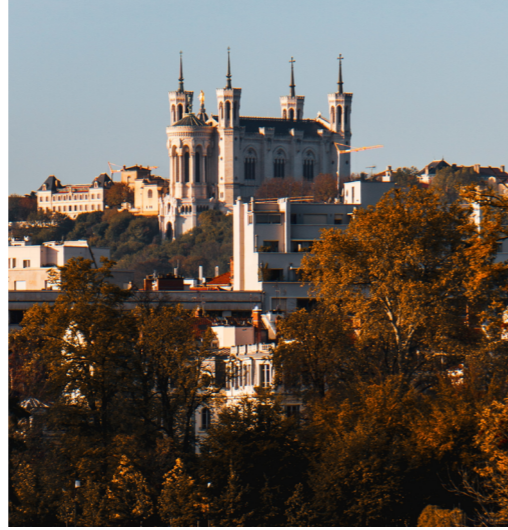


# NEW CUSTOMERS | 2.1

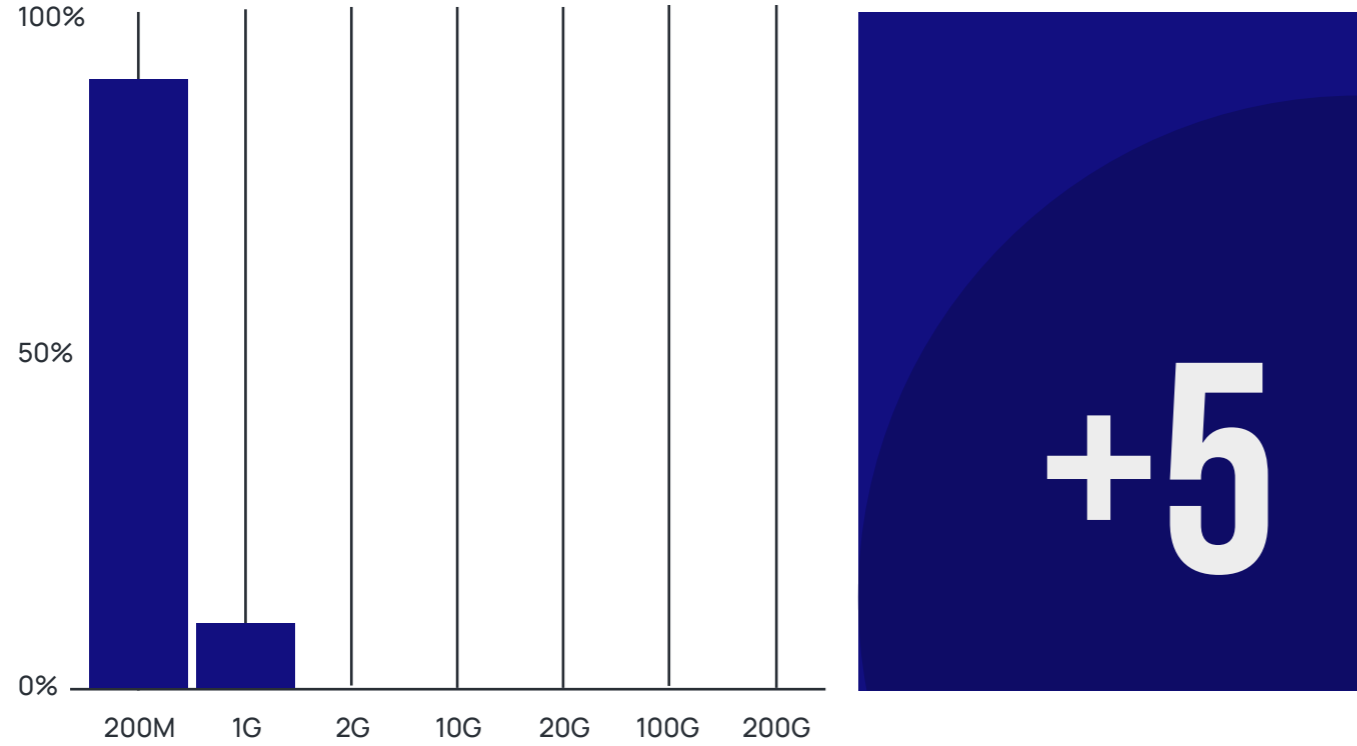
## 2. COMMUNITY DEVELOPMENT

CUSTOMERS	VILLE	CUSTOMERS	VILLE
AQUILENET	PARIS	OLLINK	TOULOUSE
ARAMYS	LILLE	OPENIP	PARIS
AUORE	PARIS	ORDIPAT	PARIS
BI.	PARIS	PLANET HOSTER	PARIS
CH SAINTONGE	LYON	PROSOLUCE	TOULOUSE
CHU BREST	LYON	PYXYA	PARIS
EASIO-COM	PARIS	QWILT	PARIS
FASTLY	PARIS-MARSEILLE	REVETELECOM	PARIS
GHT CHARENTE	LYON	REZEL	PARIS
INETCOM	PARIS	ROOT	LILLE
KAMINOT	PARIS	RUBIX	LYON
KITE PLUS LIMITED	MARSEILLE	SCALAIR	LILLE
LE PRINTEMPS	PARIS	WEDOS	PARIS
OCTOGENCY	PARIS		

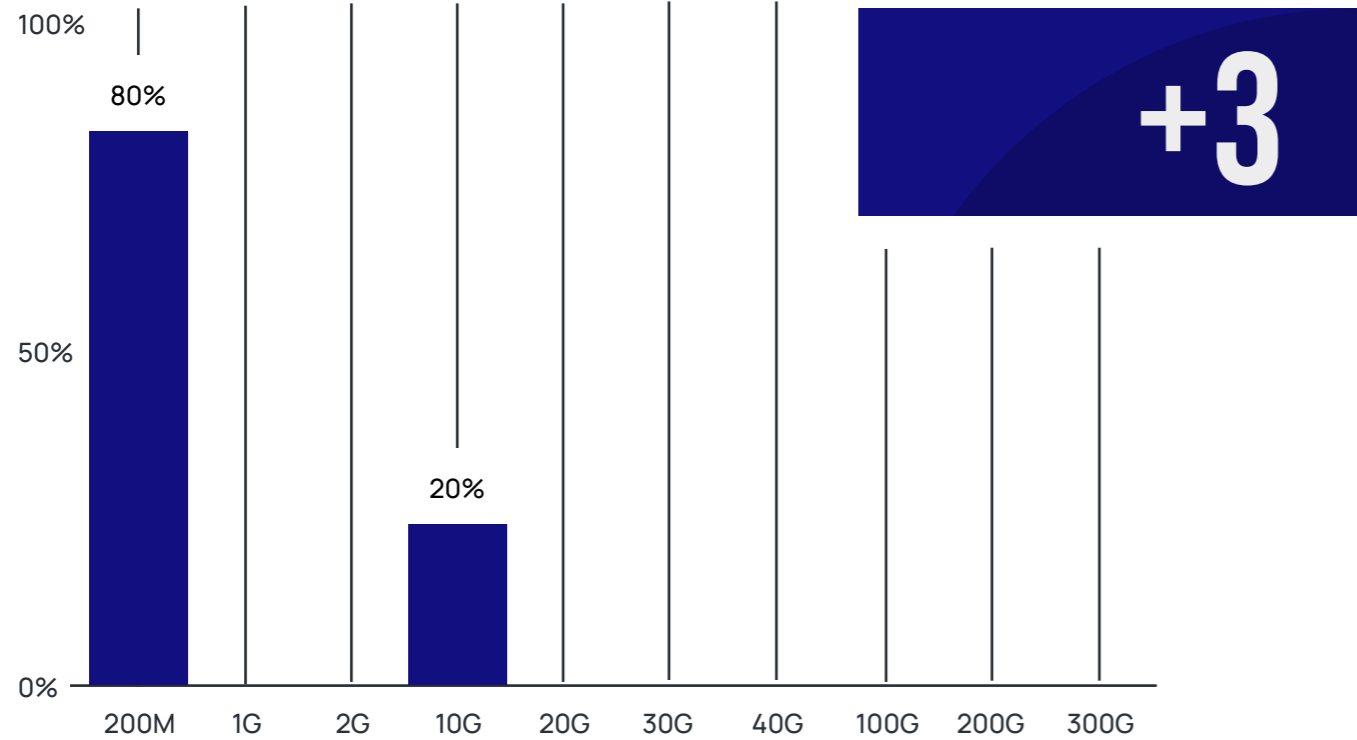
# FRANCE-IX LYON | 2.3



## NEW CUSTOMERS



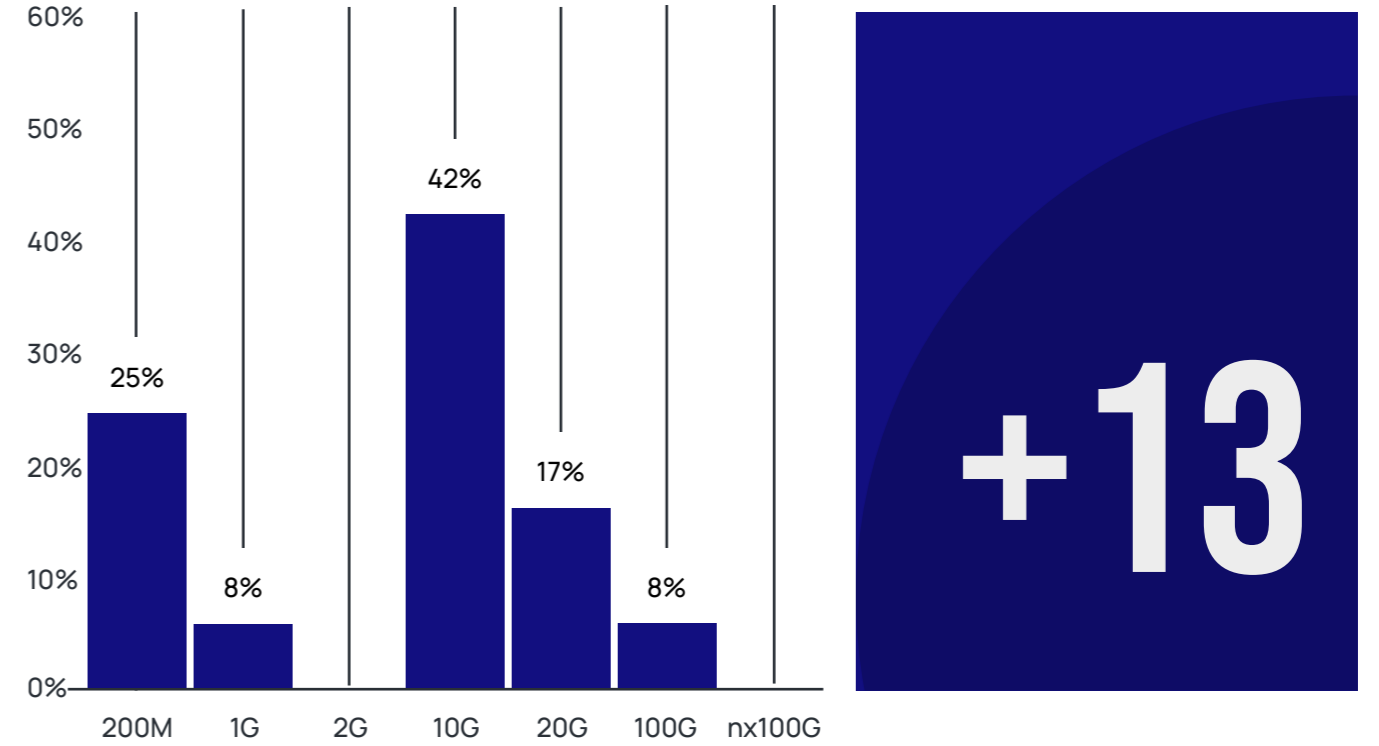
## UPGRADES



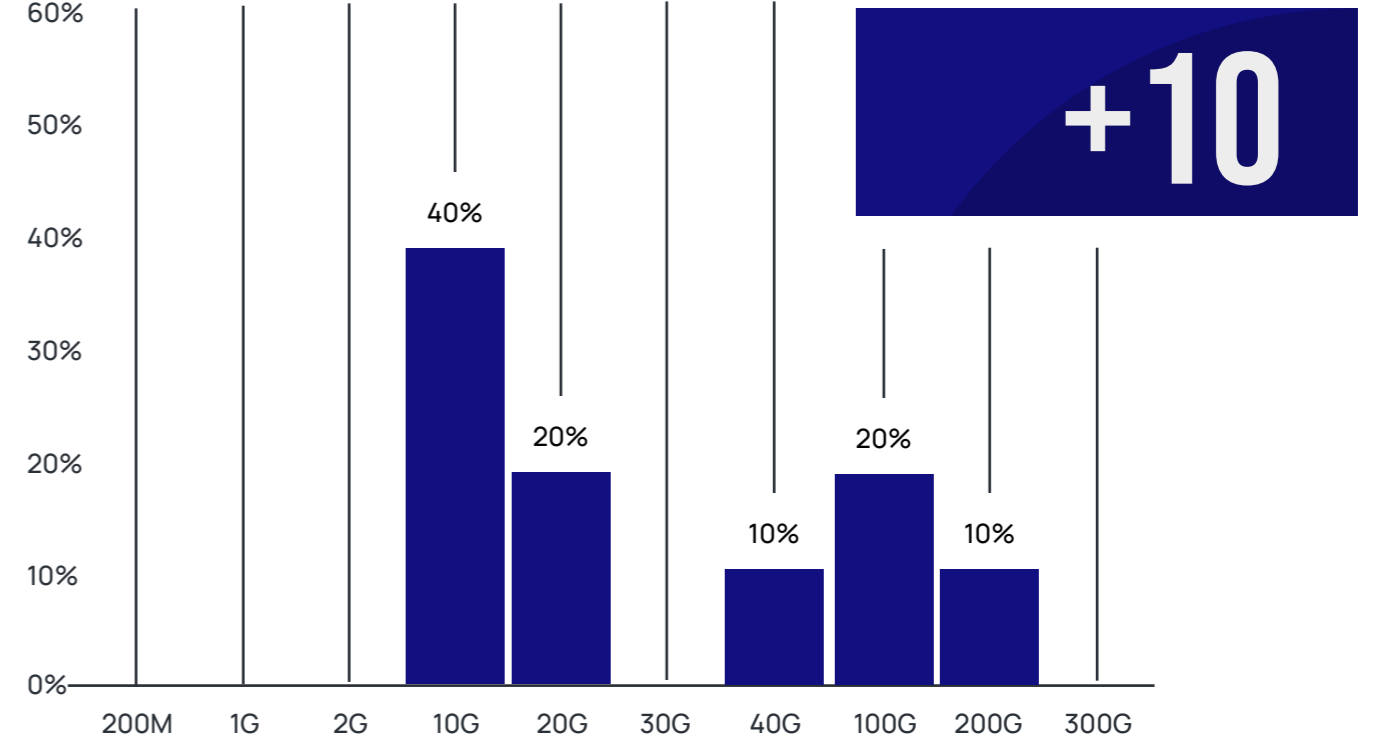
# FRANCE-IX MARSEILLE | 2.4



## NEW CUSTOMERS



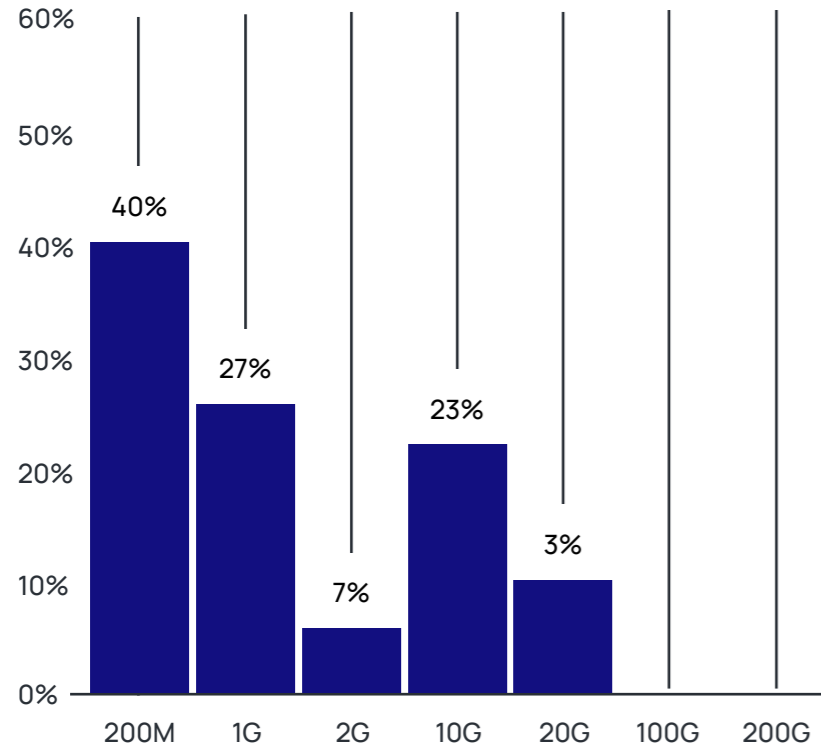
## UPGRADES



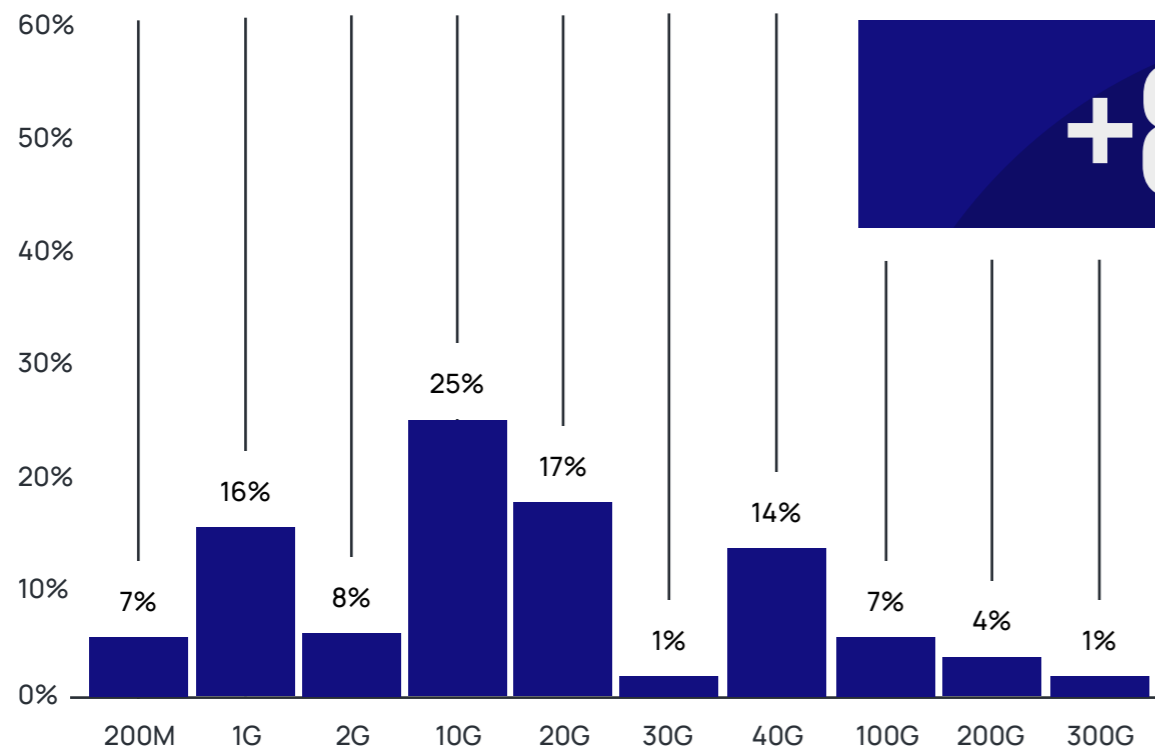
# FRANCE-IX PARIS | 2.5



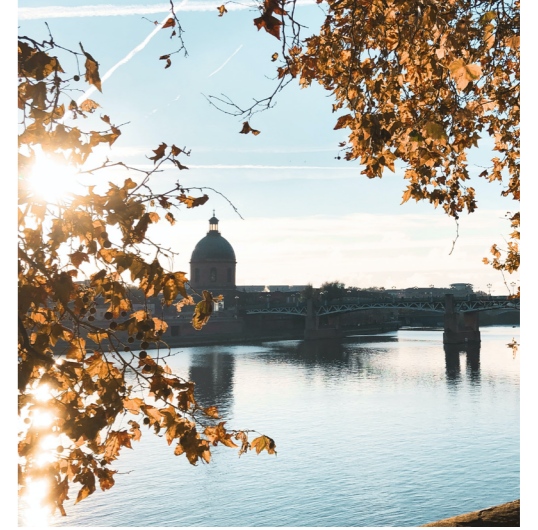
## NEW CUSTOMERS



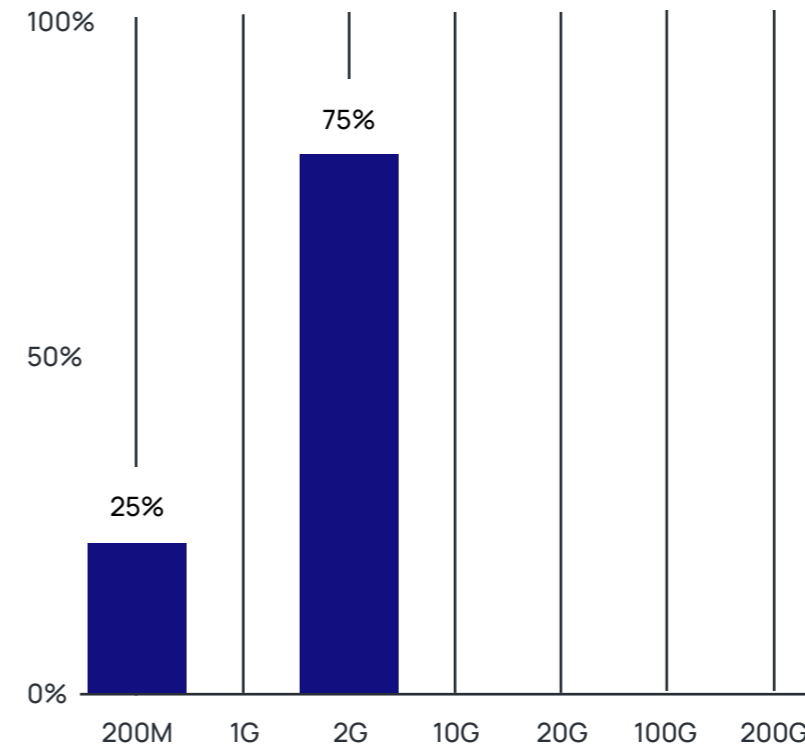
## UPGRADES



# FRANCE-IX TOULOUSE | 2.6



## NEW CUSTOMERS





# 3. FINANCIAL OVERVIEW

The accounts are presented to the France-IX community each year at the General Meeting, where members have the opportunity to vote to approve them.

France IX Services closed its accounts on the 31st of December 2022. The figures in this report relate to the period from the 1st of July 2021 to the 31st of December 2022. As the financial year is therefore 18 months, no comparison with previous years will be possible.

France-IX's turnover has continued to rise in 2022, with a significant growth rate of 18.54% compared with 2021, representing €1,067K.

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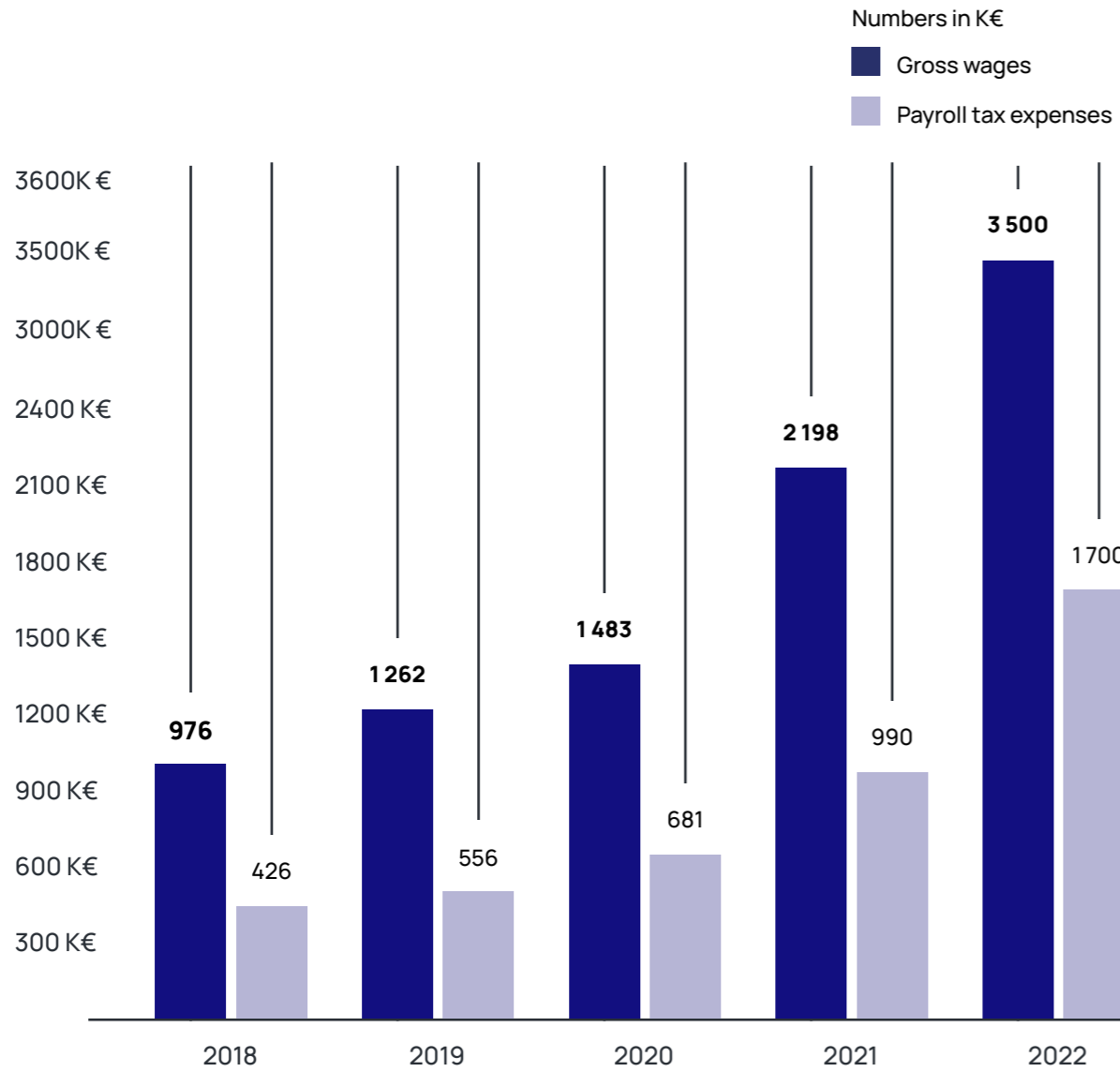
## OPERATING EXPENSES ■

The operating expenses represent more than €10,211K, offset by operating income of more than €10,753K. The largest items of expenditure were staff costs, leasing for the acquisition of the premises, rental space in data centres, and leasing of network equipment.



## MANPOWER COSTS

The payroll tax expenses represent 48.61% of paid gross wages. Total salary costs grew by 8.77%, while the number of employees has increased by 12.50%. In 2022, France-IX reached a total of 36 employees.



## CASH-FLOW & NET RESULT





On the 31st of December 2022, the treasury stands at €1,500K (for 18 months), compared with €1,683K (for 12 months) in the previous financial year. This significant reduction is due in particular to increased investment in our technical infrastructure.

The net result for the accounting period from the 1st of July 2021 to the 31st of December 2022 is €376K.



**TOGETHER, YOUR INTERNET, EVEN BETTER**

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